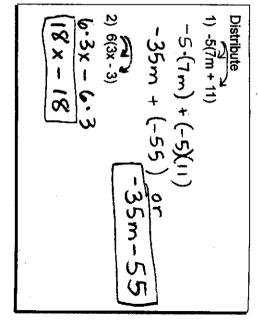
## Chapter 3 Review

TEST WEDNESDAY 9/17

Sep 14-12:37 PM



Sep 14-10:42 AM

3) A 16-oz can of soup costs \$3.20. What is the cost per ounce?

16 02 = \$ 4.20/03

Sep 14-11:07 AM

4) A motorcycle is driving at a speed of 45 mi/hr. What is the speed of the motorcycle in fl/min?

Sep 14-12:29 PM

x = 28

$$0) (x-2) = 3.6$$

$$4(x-2) = 3.6$$

$$4x-8 = 18$$

$$4x = 3.6$$

$$4x = 3.6$$

$$4x = 3.6$$

$$4x = 3.6$$

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Sep 14-11:18 AM

$$7) (x-2) 4 
(x+3) 5 
5(x-2) = 4(x+3) 
5x-10 = 4x + 12 
-4x 
x = 10 = 12 
x + 10 = 12 
x = 22$$

Sep 14-11:18 AM

$$\frac{3}{8} \left( \frac{2x}{3} + \frac{1}{2} \right) \frac{3}{4} \right) \frac{12}{3} = \frac{36}{4}$$

$$\frac{24}{3} \times \frac{12}{2} = \frac{36}{4}$$

$$8 \times \frac{12}{3} = \frac{9}{4}$$

$$8 \times \frac{12}{3} = \frac{9}{3}$$

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$$8 \times \frac{12}{3} = \frac{9}{4}$$

$$8 \times \frac{12}{3} = \frac{9}{4}$$

Sep 14-12:34 PM

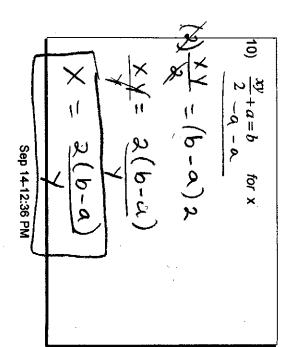
Solve the literal equation for the variable stated.

9) 
$$ab + bd = e$$
 for  $b$ 

$$ab = e - cd$$

$$b = e - cd$$

Sep 14-11:18 AM



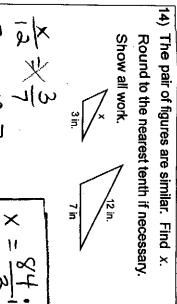
Evaluate

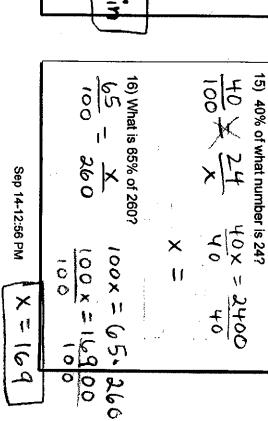
11) 
$$|-2x-3y|$$
 for  $x=2$  and  $y=-1$ 
 $|-\lambda(2)-3(-1)|$ 
 $|-4+-(-3)|$ 
 $|-4+3|$ 
 $|-1|-|-|$ 

Sep 14-11:56 AM

Evaluate 12) 
$$(-2)^3 - 8$$
 13)  $(-2)^3 - 8$  (-2)  $(-2)^3 - (-2)^3 - (-2)^3 - (-3)^3 - (-8)^3$   $(-3)^3 - (-8)^3$   $(-8)^3 - (-8)^3$ 

Sep 14-12:47 PM





17) Find the *percent of change* in a pair of jeans marked down from \$50 to \$35. Describe the percent of change as an increase or decrease. Round to nearest tenth if necessary.

Sep 14-12:49 PM

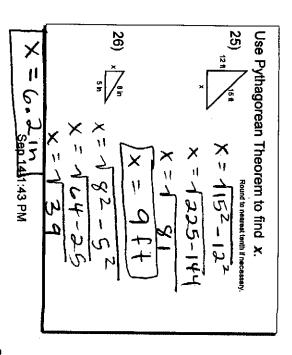
$$\frac{x}{100} = \frac{50-35}{50} = \frac{x-30}{100}$$
 $\frac{x}{50} \times \frac{15}{50}$ 
 $\frac{x}{50} \times \frac{15}{50}$ 
 $\frac{30\%}{6}$ 
 $\frac{50x = 1500}{50}$ 
 $\frac{30\%}{6}$ 

Sep 14-12:58 PM

18) The book store sold 250 books during the first week of June. They sold 285 in the second week. Find the percent of increase in sales?

Sep 14-1:33 PM

Sep 14-1:40 PM



to find the price of each cheeseburger.

C= Costof a

Cheese burger was \$13.25. WRITE and solve an equation for \$2.00 and 3 cheeseburgers. The total bill 27) Jake went to Wendy's and bought a drink 13. 25

Sep 14-1:50 PM

1 cheeseb

an hour). Use a table for r-t = d to help you. Find how long it take the 2nd plane to catch up to the 1st plane (round to the nearest tenth of the 2nd plane travels at a speed of 240 mi/hr. (2nd plane takes off 2 hours after first plane) The first plane flies at a speed of 200 mi/hr and Two planes leaves an airport 2 hours apart.

P SE 240 ケーム 240(4-2) 2006

2004 does plane 2

90 140t plane 2 wi 084-

> the smallest integer x. Four consecutive numbers add up to 266. 22 Use an equation to find these integers. Call もから number 266

and your friend ride your bikes? meet up. You ride 2 mi/hr faster then your friend and meet each other in 1.5 hours. What speed do you leave your houses at the same time on your bikes to You and a friend live 15 miles apart. You both 65,66,67,66

hon 11.5 7 1.5(1-2)

